



SCOTT M. O'NEIL

**Executive Director
Director for Research and Engineering**

**Naval Air Warfare Center Weapons Division
Naval Air Systems Command**

Scott O'Neil was selected as Executive Director and Director for Research and Engineering at NAVAIR's Naval Air Warfare Center Weapons Division (NAWCWD) in May 2006. He had previously been Acting in the position since June 2005. The center is responsible for research, development, acquisition support, test, evaluation, and in-service engineering for the total weapon system. There are two primary sites, China Lake and Point Mugu, both located in California. Mr. O'Neil directs a civilian staff of 4600 with one third located at the Point Mugu site and two thirds at the China Lake site.

Mr. O'Neil is a native of Bremerton, WA. He received his Bachelor in Mechanical Engineering (BME) from Seattle University in 1972 and received his Masters in Mechanical Engineering from the University of Southern California in 1977. The Massachusetts Institute of Technology (MIT) selected Mr. O'Neil as an Alfred P. Sloan Fellow and he received his Masters in Management from MIT in 1992. Mr. O'Neil also studied at the Federal Executive Institute in Charlottesville, VA in 1998.

Mr. O'Neil began work at the Naval Weapons Center (NWC), now NAWCWD, in 1972. During the 1970s, he carried out extensive hands-on work in solid propulsion and propulsion system technology and contributed to gun-launched and vertically launched missile technologies. In 1982, he was selected as system engineer and technical manager for Navy development of a propulsion and control system for the vertically launched antisubmarine (VLA) missile. The system design was completely successful and transitioned to industrial production.

In 1985, Mr. O'Neil became Deputy Program Manager for Cruise Missiles Propulsion. In 1987, he was selected as the NWC Technical Manager for Standoff Weapons and Cruise Missiles. Responsibilities included missile production support, hardware development, performance analysis, and exploratory development of new technologies. He developed a lightweight warhead/fuze system as part of the Tomahawk Block 3 improvement program and deployed the improved MK-111 rocket motor.

In 1992, he became Head of the Weapons Systems Cost Analysis Division and was responsible for all NAWCWD weapon system cost-analysis efforts.

As Head of NAWCWD's Information Management (IM) Department in January 1994, he was responsible for information systems and management across NAWCWD. In January 1996, he accepted a 1-year assignment as NAVAIR IM Competency Leader (AIR-7.2) and exercised NAVAIR-wide IM leadership, including strategy, standards and policies, and investment recommendations.

In November 1998, Mr. O'Neil was appointed to the Senior Executive Service as head of NAVAIR's Weapons/Targets Department (AIR-4.7). The Department performs research and development, acquisition support, evaluation, and in-service engineering for weapons and targets, and maintains and operates extensive facilities. Mr. O'Neil had line-management responsibility for approximately 1,200 people. Weapon responsibilities included JSOW, JDAM, HARM/AARGM, Maverick, Tomahawk, Sidewinder, SLAM-ER, Hellfire, RAM, Standard Missile, and Evolved SeaSparrow.

In April 2002, Mr. O'Neil was chosen to lead the NAVAIR Atlantic Ranges and Facilities Department (AR&F) at Patuxent River, MD. The AR&F included fully instrumented open-air test ranges on the Chesapeake Bay and the Atlantic Ocean and ground-based simulation/stimulation test facilities. The AR&F laboratories provide specification compliance and life-cycle tests for aircraft subsystems and fuels, and the Department supports research, development, test, evaluation, and fleet training for naval systems. Mr. O'Neil assumed the position as Director, Integrated Battlespace Simulation and Test (IBST) Department, in January 2004.

Mr. O'Neil is a member of Tau Beta Pi engineering honors society and is a registered Professional Mechanical Engineer in California. He is the recipient of numerous awards for engineering and management excellence including most recently the Naval Meritorious Civilian Service Award in 2006 and the Senior Executive Service Presidential Rank Award (Meritorious) in 2007. In 2009 Mr. O'Neil was nominated for the Aviation Week Laureate Award in the Military category. He is married to the former Ruth Ann Smith of Burnt Hills, NY. They have five children: Lisa, Erin, Rory, Katie, and JoAnna.